

Remarks

The Application has been carefully reviewed in light of the final Office Action mailed June 18, 2003. Although Applicants believe all original claims are allowable without amendment, to expedite issuance of a patent from the Application, Applicants make clarifying amendments to Claims 1, 8, and 15. None of these changes is considered necessary for patentability. These amendments do not raise new issues and will not require further searching. These amendments will also place the Application in better condition for appeal if the Examiner maintains the Examiner's rejections. Accordingly, Applicants respectfully request that these amendments be entered. Applicants respectfully request reconsideration and allowance of all pending claims.

Telephone Interview Summary

On August 18, 2003, Applicants discussed the substance of this Response with the Examiner over the phone, but no agreement was reached.

Applicants Propose Amendments to Drawings

The Examiner objects to the drawings. According to the Examiner, "the relative direction of the curved writing surface's translocation and the stationary frame as being cited in Claims 1, 8 and 15 must be shown or the feature(s) canceled from the claim(s)." Applicants propose adding arrows to FIGURES 2, 2A, and 7 that show translation of a translation cylinder and a curved writing platen. A marked-up sheet showing the proposed changes to FIGURES 2, 2A, and 7 and replacement sheets are attached. A marked-up sheet showing the proposed changes to FIGURES 2, 2A, and 7 and replacement sheets are attached. A Letter to the Official Draftsperson (with attached marked-up sheets and replacements sheets) is enclosed with this Response. These proposed changes do not add new matter to the Application. Applicants respectfully request that the Examiner accept the proposed amendments to FIGURE 11 and withdraw the objection to the Specification.

**All Subject Matter in Applicants' Claims is Described
in Originally Filed Specification**

The Examiner rejects Claims 1, 8, and 15 under 35 U.S.C. § 112 para. 1 as "failing to comply with the written description requirement." Specifically, the Examiner states, "The present specification fails to provide an adequate description in order to support the newly insertion into the amended claims 1, 8 and 15." Applicants respectfully disagree.

The Specification, as originally filed, describes a precision translation stage that causes a film-holding cylinder to translate relative to a scanner. (Page 10, Lines 13-16 and 23-26). The film-holding cylinder translates along a central axis of the film-holding cylinder. *Id.* The scanner includes a shaft, a reflective facet, and a motor that causes the shaft and reflective facet to rotate. (Page 9, Lines 18-19). In one embodiment, the film-holding cylinder translates approximately 4.2 microns along a central axis of the film-holding cylinder with each rotation of the shaft and the reflective facet. (Page 10, Line 33, through Page 11, Line 2).

For at least these reasons, Applicants respectfully submit that the Specification, as originally filed, describes Applicants' clarifying amendments to independent Claims 1, 8, and 15. Accordingly, Applicants respectfully request allowance of independent Claims 1, 8, and 15 and all their dependent claims.

Applicants' Claims are Definite

The Examiner rejects Claims 1-22 under 35 U.S.C. § 112 para. 2 as "being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention." Specifically, the Examiner states that "the citation of 'a curved writing surface translating in at least one direction relative to a stationary frame' . . . is vague because the exact relationship and/or the interconnection between the surface and the frame has not been clearly defined. . . . The citation of 'a rotatable shaft having a first reflective surface not translating in the at least one direction relative to the stationary frame' . . . is also vague for similar reasons."

Applicants respectfully disagree. Nonetheless, Applicants' clarifying amendments to

independent Claims 1 and 15 clarify the translation of the curved writing surface recited in Claims 1-7 and 15-22. Applicants' clarifying amendments to independent Claim 8 similarly clarify the translation of the translational cylinder recited in Claims 8-14.

For at least these reasons, Applicants respectfully submit that Claims 1-22 are definite. Accordingly, Applicants respectfully request allowance of independent Claims 1-22.

CONCLUSION

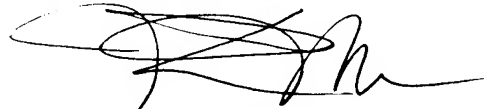
For the foregoing reasons, and for other reasons clearly apparent, Applicants respectfully request reconsideration and full allowance of all pending claims.

If the Examiner believes a telephone conference would advance prosecution of this case, the Examiner is invited to call Kevin J. Meek, attorney for Applicants, at 214.953.6680.

Applicants believe no fees are due. Nonetheless, the Commissioner is hereby authorized to charge any fee and credit any overpayment to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.
Attorneys for Applicants

A handwritten signature in black ink, appearing to be 'KJ Meek', written over a horizontal line.

Kevin J. Meek
Reg. No. 33,738

Date: August 18, 2003

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FIG. 2

MOVING PLATEN

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64

SINGLE-FACET SCANNER

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TRANSLATION STAGE

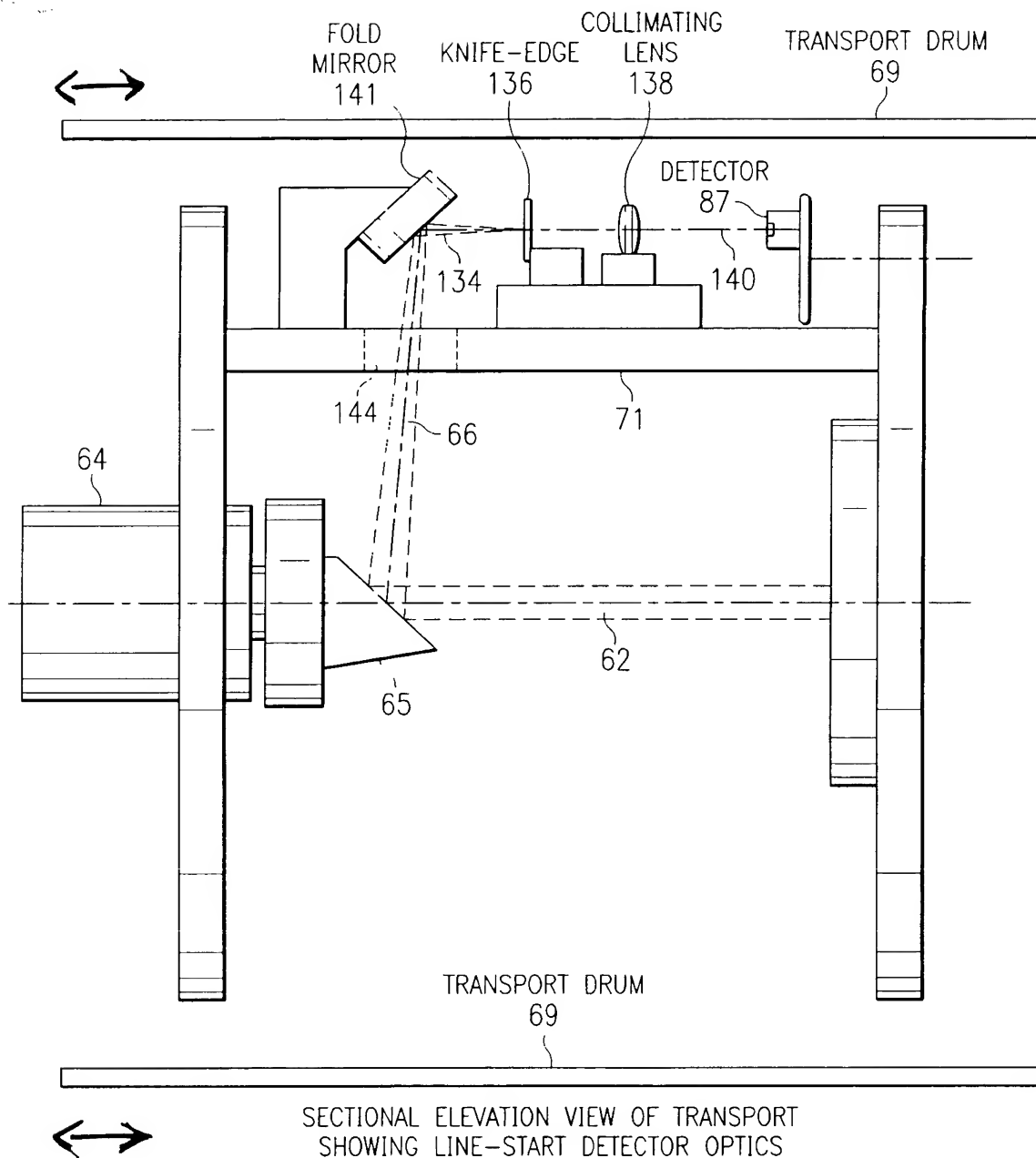
Diagram illustrating the optical setup for the experiment. A laser beam (141) is reflected by a fold mirror (136) and passes through a knife-edge (236) and a collimating lens (138) before reaching a detector (87).

PLAN VIEW OF LINE-START
DETECTOR OPTICS

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FIG. 2A



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FIG. 6E

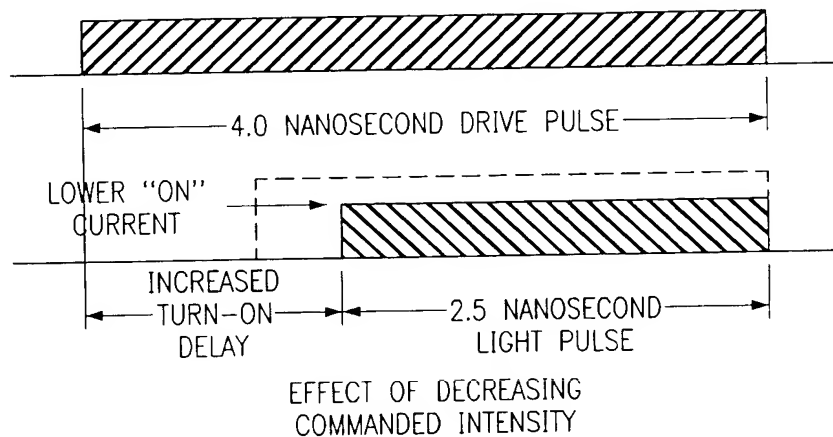


FIG. 7

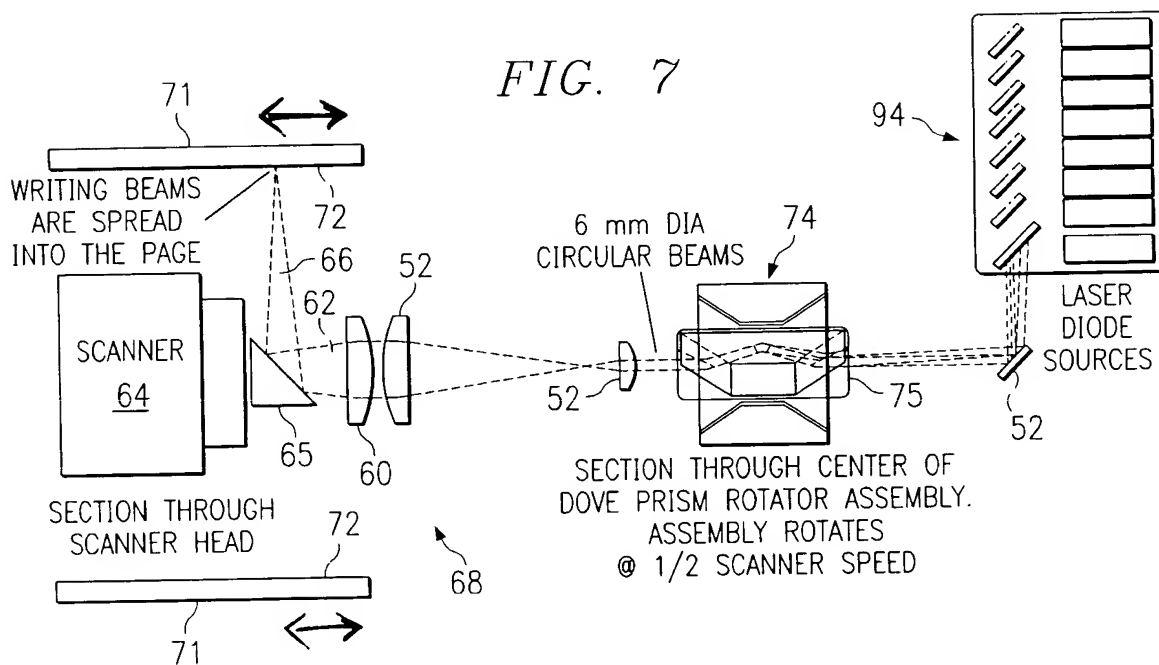


FIG. 7A

